

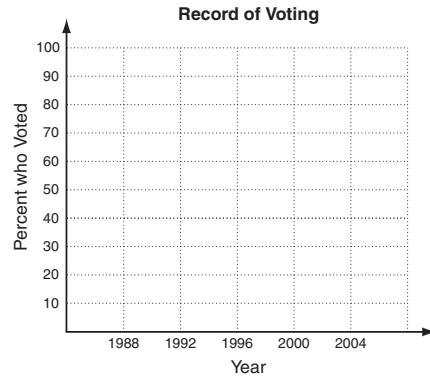
LESSON
4-5

Practice B
Scatter Plots and Trend Lines

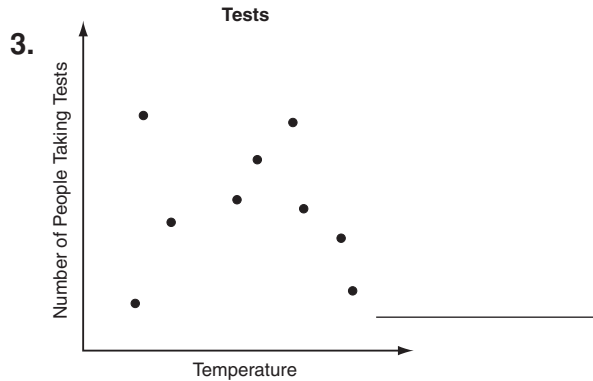
Graph a scatter plot using the given data.

- The table shows the percent of people ages 18–24 who reported they voted in the presidential elections. Graph a scatter plot using the given data.

Year	1988	1992	1996	2000	2004
% of 18-24 year olds	36	43	32	32	42



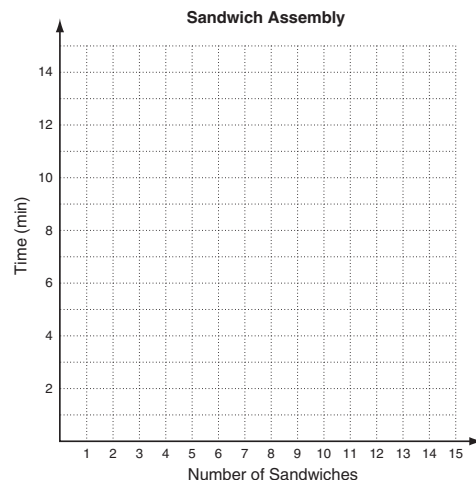
Write *positive*, *negative*, or *none* to describe the correlation illustrated by each scatter plot.



- Identify the correlation you would expect to see between the number of pets a person has and the number of times they go to a pet store. Explain.

Neal kept track of the number of minutes it took him to assemble sandwiches at his restaurant. The information is in the table below.

Number of sandwiches	1	2	4	6	7
Minutes	3	4	5	6	7



- Graph a scatter plot of the data.
 - Draw a trend line.
 - Describe the correlation.
- _____
- Based on the trend line you drew, predict the amount of time it will take Neal to assemble 12 sandwiches.
- _____